

**RECOMMENDATIONS FOR FUTURE CORRECTIVE ACTION CONFERENCES
APRIL 23, 1996**

**KATHERINE BAYOR
CO-CHAIR 1996 CONFERENCE**

**RON LEACH
CO-CHAIR 1996 CONFERENCE**

1. CONFERENCE PLANNING TEAM

We suggest that two co-chairs assume lead role for conference planning, coordination and implementation.

A conference planning committee would provide support to the co-chairs. Members of the planning committee would provide feedback to the co-chairs on key conference questions, perform conference related work on a volunteer basis, and provide logistical support during the conference. It is understood that each member of the planning committee will have different amounts of time available for conference related activities.

The Office of Community Relations (OCR) should definitely play a key role in the conference planning. OCR has considerable experience in planning community events and has access to contractor support.

The conference co-chairs, in consultation with the planning committee, should create an overall timeline that shows when key tasks need to be accomplished. The timeline is very important and should be developed in the first few conference planning meetings.

2. CONFERENCE LOCATION

The conference date and location should be established as soon as possible.

The South San Francisco Conference Center worked well for the 1996 Corrective Action Conference. A large majority of the evaluations we received liked the facility.

If the South San Francisco location is used again, a "cash bar" for participants to purchase morning refreshments (e.g., coffee, bagels, etc.) should definitely be established.

5. SPEAKERS

If possible, find speakers of known ability that someone at EPA has heard present before.

Use all resources available to obtain speakers (e.g., UST program, Matt Small, accelerated site characterization).

Provide "guides" to the speakers both before the conference and during registration. The guides should inform the speakers of who will be in the audience, time management, use of overheads, microphone management, etc.

Have a "timer" who is responsible for timing the speakers. Our timer used specially made signs to inform speakers of how much time remained for their presentations. We suggest that future timers "shave off" 3-5 minutes per talk for questions. Having the timer was a great help in keeping to the ambitious agenda.

There should be a separate table for speaker registration at the conference.

6. MATERIALS

Provide a binder containing speaker notes to all participants. This involves getting the notes and a biographical sketch from each speaker ahead of time, numbering the pages (many options), having them copied and "stuffed" into binders. We had our support contractor procure the binders and make the title pages. All duplication was done at the EPA Region 9 copy shop. The binders were stuffed by members of the conference planning committee. The binder also contained an agenda, a dining guide for the local area, and an evaluation form.

A separate table was established for guidance documents. The table contained single copies of each document labeled "Display Only" and instruction sheets that described how to order nationally available guidance documents. In addition, a combined checklist of the conference participants and EPA Region 9 guidance documents was developed so that people could just "check off" the documents that they wanted. These documents, which were all available at EPA Region 9, were later sent to those who made the request.

An information exchange table was also established for conference participants to share information (e.g., flyers, etc.).

THE FOLLOWING EVALUATION WAS MADE BY MEMBERS OF THE PLANNING TEAM
AT A DE-BRIEFING, APRIL 10, 1996

TOPICS

too much risk assessment
more "hot" topics = should be mentioned in Introduction
case study by Square D was good
should keep audience in mind when developing topic/content
too theoretical, not enough application/implementation info
use more examples, projects
good appreciation for variety of skill levels

SPEAKERS

diversity was great
keep community advocate - controversial, but needed =
assure understanding of audience; ask community
advocate for ways to improve regulatory actions
direct/inform speakers re: audience, scope/purpose of
conference
incorporate more information into corrective action process
individual speakers:

favorable = Ron Sims, Guy Tomassoni, Patrick Wilson,
Wong, McJunkin, Brian Smith, Brian Lewis, EPA folks

not-so-favorable = Rice, Gin, Picker, Zeppetello

Provide guidance to speakers

all speakers should use overheads
use Morse's overhead as template
avoid "mannerisms"
know the audience
refine use of microphone
assure copies of all overheads are sent to EPA for
inclusion in binder

FORMAT

is third day necessary?
have discussion session(s) early in day
all topics should be open to everyone
have a semi-organized lunch
need more time to network
order of topics was very good ("grouping" of topics)
have a panel, if possible (grouped per topic)
have more & shorter breaks
have an evening "happy hour" for networking

LOCATION & FACILITY

was easy to get to; accessible to airport & hotels
professional
should provide coffee & snacks all days

TEAM APPROACH

excellent at event, sharing duties, responsibilities
co-chairs took too much on themselves
co-chairs offered assist to others
staff needs to come forward to offer assistance/volunteer
be sure to get the delegated job done
acknowledge unequal time commitments as okay
share duties, don't have to have separate assignments
co-chairs are a good idea
apres event lunch was a great idea
let's do it again...

[CA-CONF.EVL]
VICKY SEMONES

Extra

SUMMARY OF EVALUATIONS
R9 CORRECTIVE ACTION CONFERENCE
MARCH 1996

A total of 68 evaluations were completed by attendees of the R9 Corrective Action Conference. These included:

Regulators	#46	
Consultants	#10	
Facility Reps	# 7	
Other	# 5	(two universities, one utility, two unidentified)

The following is a summary of their remarks:

TOPIC SELECTION	<u>YES</u>	<u>NO</u>
Regulators	42	1
Consultants	10	0
Facility Reps	6	0
Other	4	0

COMMENTS:

Request for more "how to;"
+ vadose zone transport
+ Brian Lewis should speak to all attendees
- relevance of LUFT presentation
- Arid Landfill presentation was not relevant

SPEAKERS	<u>Excellent</u>	<u>Good</u>	<u>Fair</u>	<u>Poor</u>
Regulators	14	2	7	0
Consultants	2	6	1	0
(plus two commented "mixed")				
Facility Reps	1	3	2	0
(plus two commented "mixed")				
Other	2	1	1	0
(plus one commented "mixed")				

COMMENTS FROM ALL GROUPS (although no group gave a general rating of "poor," specific speakers were mentioned throughout the evaluations and appear below):

Andraski	Andraski	Andraski	Andraski
Baylor	Callahan	Black	Gin (unfocused)
Callahan	Dunn & Tuch-	McJunkin	Larson (didn't
Hegeman	field	Wong	relate to
B.Lewis	Heusinkveld	Zeppetello	audience)

OVERALL RATING	<u>EXCELLENT</u>	<u>GOOD</u>	<u>FAIR</u>	<u>POOR</u>
Regulators	20	21	1	0
Consultants	3	4	1	0
Facility Reps	2	4	0	0
Other	2	0	0	0

BEST LIKED

27

29

2

97%
excellent or
"good"

Regulators

example cases, good topic flow, registration, speaker notes, "EPA staff made visitors feel welcome," good adherence to schedule, sequence of topics, music at breaks, room & audio, "thank-you," the water isotopes presentation, project management tips, Day 3 open discussion

Consultants

room & audio, good location, topic variety, short presentations, informality, excellent binder, staying on time, format

Facility Reps

well-organized, good technical information, "hot topics" overview, informal atmosphere, range of topics; registration & publication were well-organized

Other

organization of topics = comprehensive; binder; excellent meeting - have another

LEAST LIKED

Regulators

no coffee, no snacks, longtime to sit between breaks, long days, not enough time to discuss topics, location, jargon

Consultants

location, no coffee, too many regulators, some topics were too elementary, too much text on slides & overheads, longer lectures

Facility Reps

some boring presentations, need more advanced information

Facility Representatives

have refreshments each day; organize a "social" after each day, like a happy hour at local hotel; need more breaks';

all speakers should have overheads or slides; more industry folks as speakers; have complete sets of speaker information in binder

need more time for questions; diplomatically point out areas of concurrence or disagreement between Feds & states; add break-out sessions or time for more discussion; more time for questions;

[CA-CONF.EVL]
VICKY SEMONES



1996 Corrective Action Conference

U.S. EPA Region IX is planning a conference on RCRA Corrective Action. The conference planning is still in the preliminary stages, and we would like you to respond to the following survey to help us make this a meaningful event.

We anticipate that the conference will be held in San Francisco, California, in March 1996. The conference will last two and a half days. The first two days will be open to regulators and industry, and the last half day will be open to regulators only. The conference will be free of charge.

We are tentatively planning a lecture-based format, with simultaneous Corrective Action lectures throughout the day. However, we are surveying the level of interest in various other formats, including panel discussions and/or small-group discussions. Additionally, we are considering short open-microphone sessions at the end of each day and continuous video screenings.

Please complete the following information:

Name _____
Agency/Company _____
Address _____
Phone _____

1. Please rank the topics below, 1 through 10.
(1 is highest interest)

- ____ Accelerated Site Characterization (ASTM)
- ____ Accelerated Site Characterization
(Groundwater Case Study)
- ____ Calif. Senate Bill SB1082
(lead agency for Corrective Action)
- ____ Calif. Environmental Quality Act Issues
- ____ Calif. Proposition 65
- ____ Contaminant Transport in Vadose Zone
- ____ Community Involvement
- ____ Corrective Action at Military Sites
- ____ Desktop Guide for Laboratory Data Review
- ____ Ecological Assessment
- ____ Electronic Data Reporting
- ____ Environmental Indicators
(RCRIS measures of success)
- ____ Environmental Justice
- ____ Field Sampling (design, approaches, etc.)
- ____ Filtering Groundwater Samples
- ____ Financial Assurance
- ____ Hazardous Waste Identification Rule
- ____ Human Health Risk Assessment
- ____ Interim Measures/Stabilization
- ____ Landuse and Appropriate Cleanup Standards
- ____ Low-Flow Sampling of Groundwater
- ____ Monitoring Well Decommissioning
- ____ Natural Attenuation/Intrinsic Bioremediation
- ____ Non-Attainment Groundwater Zones (Calif)
- ____ Open Burning/Open Detonation Sites
- ____ Public Participation/Community Involvement
- ____ Radioactive Contamination
- ____ RCRA Subpart S Regulations
- ____ Soil and Groundwater Cleanup Levels
- ____ Soil VOC Sampling
- ____ Streamlining the Corrective Action Process
- ____ Technical Impracticability (GW Clean-up)
- ____ U.S. EPA Brownfields Initiative (land re-use)
- ____ Voluntary Corrective Action
- ____ Other:

2. Format Preference: Please rank the following formats 1 through 10 (1 is highest interest)

- ____ Lectures
- ____ Panel Discussions
- ____ Small Group Discussions
- ____ Open Microphone/Open Forum
- ____ Video Screenings
- ____ Other:

3. Do you anticipate attending the conference in March 1996? (This is NOT a commitment to attend)

____ Yes ____ No

4. Would you like to be a speaker at the conference?

____ Yes ____ No

4a. If yes, what topic would you like to present? (Not limited to topics on previous page).

5. Additional comments/suggestions:

Please Return this Form
by Dec 31, 1995 to:

Katherine J. Baylor
U.S. EPA (H-3-1)
75 Hawthorne St.
San Francisco, CA 94105-3901

Fax 415-744-1044

United States
Environmental Protection Agency
75 Hawthorne St. (H-3-1)
San Francisco, CA 94105-3901

Address Label



EPA Region 9

1996 Corrective Action Conference

Corrective Action Conference Survey Results

is highest interest)

200 surveys sent out; 90 returned

111111112222333444455566779999	Acc. Site Charac. (ASTM)
111111111222344555555666689999	Acc. Site Charac. (GW Case Study)
1111222223334444556777888999999	Calif Senate Bill 1082 (lead agency)
122333555567788889999	Calif Env Quality Act
135678999	Calif Prop 65
11111111222222222333445566667778888899	Contamin. Trans - Vadose Zone
23333345555555556667788899999	Community Involve / Public Participation
1111233344455556666888	Corr. Action - Military Sites
112334445566668	Desktop Guide - Lab Data Review
111112223333455667779999	Ecological Assessment
112244556668	Electronic Data Reporting
1233456899	Environmental Indicators (RCRIS)
123567899999	Environmental Justice
12222234445666677888999	Field Sampling
1111233334455677788	Filtering GW Samples
113355558999	Financial Assurance
11122333445666666777799	Haz. Waste Identification Rule
11111222333334444455667778888999	Human Health Risk Assessment
11111222233334444555788999	Interim Measures / Stabilization
1112222334444444445555555566677777788899	Landuse & Approp. Clean-up Standards
11122233445566777888	Low-Flow Sampling
1134555566799	Monitoring Well Decommissioning
111111111222223333333334456666667777888888999	Natural Attenuation
11111111111222222233333444566777788888888	Containment Zones (RWQCB)
1112233455588899	Open Burning / Open Detonation
344455567789999	Radioactive Contamination
11123333334445555666667999	RCRA Subpart S
1111111111111111111222222222222222222333344455555666677788899	Soil/GW Cleanup Levels
1111111223345556677777	Soil VOC Sampling
11111111111111111112222333333444455577799	Streamlining the Corr. Ac. Proces
11111111111112222233333334444555566777788	Technical Impracticability
1111111222233333445555777889	Brownfields (land re-use)
11233333345557788888	Voluntary Correcive Action

PUBLIC HEARING/MEETING CHECK LIST

Site: _____

MEETING PREPARATION

- ____ Meeting Date & Time: _____
- ____ Meeting Location: _____
- ____ Seating Capacity: _____
- ____ Directions Distributed: _____
- ____ Contact Person at Meeting Facility & Phone#: _____
- ____ # of People Expected: _____
- ____ Court Reporter: _____
- ____ Translator: _____
- ____ Panel Members Notified: _____
- ____ Prepare Agenda/Meeting Evaluation Forms: _____
- ____ Prepare Oral Presentations: _____
- ____ Comments Prepared For Keynote Speaker: _____
- ____ Hearing Officer/Facilitator: _____
- ____ Prepare Visual Presentations (slides/graphics/displays)
- ____ Dry Run Date & Location: _____
- ____ Ground Rules: _____
- ____ Pep talk for participants: _____

ANNOUNCEMENT

- ____ Call key community contacts
- ____ Print set of mailing labels
- ____ Prepare Fact Sheet and Send
- ____ Prepare Press release and Send-Date: _____
- ____ Send materials to Information Repositories
- ____ Place Public Notice in Newspapers-Date: _____
- ____ Send Meeting Notice Flyers-Date: _____

AUDIO-VISUAL EQUIPMENT

- ____ Slide Presentation/Projector
- ____ Overhead Transparencies/Projector
- ____ Video Tape Presentation/Television Set
- ____ Film Presentation/Projector
- ____ Screen
- ____ Microphones (stationary &/or remote)
- ____ Cassette Recorder/Tapes/Batteries
- ____ Press Hookup
- ____ 35mm Camera/Flash/Film
- ____ Video Camera/Tape
- ____ Extension Cord
- ____ Pointer for Projection Screen
- ____ Extra Bulb for Projectors

ROOM ARRANGEMENTS

- ____ Room Layout _____
- ____ Room Setup (tables/chairs)
- ____ Room Access, time open: _____
- ____ Set up Time: _____
- ____ Security (meet prior to & day of)
- ____ Janitorial Services
- ____ Restrooms Open
- ____ Ventilation
- ____ First Aid Supplies
- ____ Refreshments
- ____ Lecterns
- ____ Rental Fee?: _____
- ____ Table w/mic access for handicapped
- ____ Telephone access in case of emergency
- ____ Press table

BASIC SUPPLIES

- ____ Name Plates/Name Tags
- ____ Directional Signs
- ____ Copies of Agenda/Evaluation Form
- ____ Copies of Most Recent Fact Sheets
- ____ 3" x 5" Index Cards
- ____ Pens/Pencils
- ____ Markers
- ____ Easel/Flipchart
- ____ Poster Paper
- ____ Pad of Blank Paper
- ____ Chalk
- ____ Eraser
- ____ Tape
- ____ Scissors
- ____ Business Cards
- ____ Chair ties
- ____ Story boards
- ____ Table cloths
- ____ HHW & Consumer Outreach Fact Sheets
- ____ Plastic drinking cups & pitcher
- ____ 1 yard of strong cord

MEETING FOLLOW-UP

- ____ Return Equipment
- ____ Debriefing among meeting participants to evaluate the meeting
- ____ Respond to Requests for Information
- ____ Distribute Transcripts/Meeting Minutes
- ____ Send Thank you letters
- ____ Prepare Meeting Evaluation
- ____ Recommendations and Distribute
- ____ Add meeting attendees to mailing list

CHECKLIST
CORRECTIVE ACTION CONFERENCE
(cklst-ca.cnf)

Agenda =

Binders = white w/clear plastic insert covers, interior pockets,
(see sample) how many = #150,
cover design =

Drapes = two at registration, two for speaker tables

Easels =

First aid =

Facilitation = time management, announcements

Information packets =

- attendee list
- conference facility info, hotels, transportation
- evaluation form
- evening events (?)
- pen & note pads
- restaurants
- speaker list

Info-exchange table =

Microphones = floor podium (w/ microphone)
table mic ?

Music

PRC attendance at event = registration, at event support
staff: two on Day One, one on Day Two, one on Day Three

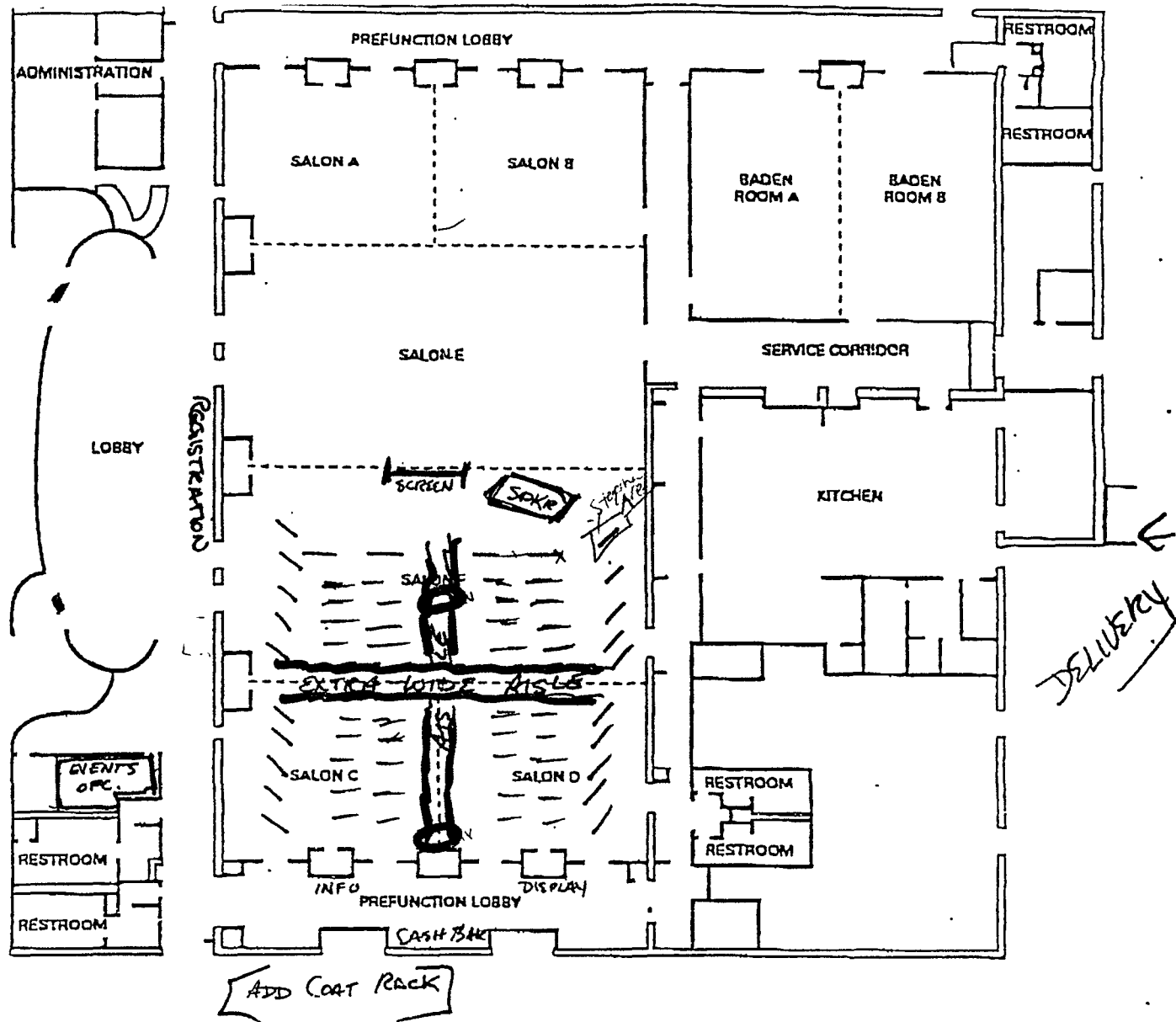
Questions from each session =

Registration
invitations

confirmations = all conference info, info-exchange material
AV needs

set-up = tables, easels, event posters (w/ one for speakers)
PRC staff (two)

name badges = different colors for
attendees, speakers, EPA (PRC)



ROOM NAME	APPROXIMATE DIMENSIONS	SQUARE FEET	CEILING HEIGHT	8'x10' EXHIBITS	10'x10' EXHIBITS	SUGGESTED CAPACITIES			
						THEATER	RECEPTION	BANQUET	CLASSROOM
Grand Ballroom	84' x 162'	13,369	13	83	73	1,200	1,200	780	780
Salon A	42' x 37'	1,484	13	-	-	150	150	60	70
Salon B	42' x 37'	1,517	13	-	-	150	150	60	70
Salon C ✓	42' x 34'	1,378	13	-	-	150	150	60	70
Salon D ✓	42' x 34'	1,410	13	-	-	150	150	60	70
Salon E	84' x 45'	3,748	13	-	-	420	390	180	210
Salon F ✓	84' x 46'	3,832	13	-	-	420	390	180	210
Baden Room	51' x 59'	2,997	13	15	-	330	300	120	160
Room A	51' x 29'	1,486	13	-	-	185	150	60	85
Room B	51' x 30'	1,511	13	-	-	185	150	60	85



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

1 February 1996

Clarence Callahan
U.S. EPA (H-9-3)
75 Hawthorne St.
San Francisco, CA 94105

Dear Dr. Callahan,

Thank you for volunteering to speak at the 1996 EPA Region 9 RCRA Corrective Action Conference. The conference will be held from **March 26-28 at the South San Francisco Conference Center.**

Your talk on **"Ecological Toxicity Overview"** is tentatively scheduled for **Tuesday, March 26, from 1:15 until 1:45.** This schedule is subject to change, however, so if you will not be able to attend the entire conference, please let us know as soon as possible so that we may accommodate your schedule.

We are planning to have all the speaker's handouts available at the start of the conference. If you have any printed material that you would like to make available to conference participants, please send it to me at the address listed below. It is important that I receive your material no later than February 28, 1996, so that there is sufficient time to compile the information. In addition to the handout material, we are also requesting that speakers provide us with a short biographical sketch. Attached for your use is a speaker's guide that provides additional information on the handout material and biographical sketch. Also included is a copy of the conference registration form, which includes the tentative agenda and hotel information.

We greatly appreciate your participation in the 1996 Corrective Action Conference. If you need more information, please contact me at (415) 744-2028 or Ron Leach at (415) 744-2031. Thank you.

Sincerely,

Katherine J. Baylor
Conference Co-Chair

attachments

Ron Leach / Katherine Baylor
U.S. EPA (H-3-1)
75 Hawthorne St.
San Francisco, CA 94105

1996 EPA REGION 9 CORRECTIVE ACTION CONFERENCE

GUIDE FOR CONTRIBUTORS/SPEAKERS

1. WRITTEN MATERIAL

Although we would prefer that you have written handouts to support your presentation, written material is not required. Written material submitted to EPA will be combined for distribution to participants at the beginning of the conference. Please follow the guidelines below for written submittals.

- ▶ Please include the title of the presentation, your full name, affiliation, mailing and/or email address and phone/FAX number on the top of the first page. An abstract, if included, should be no more than 300 words and should be a concise summary of the essential information contained within the presentation.
- ▶ Please submit no more than 7 pages of written material. If you need additional pages, please contact us for special arrangements. FAXed material is unacceptable. Printed material should be "camera-ready". If you wish to make copies of overhead slides, please ensure that these are reduced size (i.e. 4 to 6 slides per page, rather than a single overhead per page).
- ▶ You may choose to number the pages of your submittal; however, all submittals for the conference will be compiled and re-paginated. Graphics, including line drawings and tables, are acceptable; photographs are unacceptable, however, as we do not have the resources to adequately reproduce photos.
- ▶ All text should be typed or printed in a standard, readable typeface. Acronyms that are unique to a particular state, program, or regulation should be defined both in the written material and during the presentation.

2. BIOGRAPHICAL SKETCH

Please provide a short biographical sketch. Bios should be in paragraph form on a separate page; no resumes will be accepted. The Bios will be combined for distribution to conference participants. An example Bio is provided below:



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

7 February 1996

Verne Rosse
Deputy Administrator
Nevada Department of Environmental Protection
333 W. Nye Lane
Carson City, NV 89710

Dear Mr. Rosse,

EPA Region 9 is in the process of planning a RCRA Corrective Action conference from March 26-28, 1996. We anticipate that the conference will last two and a half days, and take place in South San Francisco, California. The conference will primarily be technical in nature, although we are planning to include short talks on national policy issues such as the proposed Hazardous Waste Identification Rule (HWIR) for contaminated media and Subpart S. We anticipate approximately 200 participants will be attending, including state and federal regulators, industry, and environmental consultants.

The purpose of this letter is to invite you, or a member of your staff, to present a short (15 minute) talk on Nevada's approach to RCRA Corrective Action. The goal of this short talk is simply to present a broad overview of Nevada's Corrective Action program, so that conference participants can gain an understanding of various state's approaches to implementing Corrective Action.

If NDEP would be interested in providing a short presentation for this conference, please contact Kathy Baylor at (415) 744-2028 by February 29, 1996. Attached is a registration form, which includes the tentative agenda for the conference.

Sincerely,

Michael Feeley, Chief
RCRA Facilities Branch

cc: Dave Emme, Chief, Bureau of Waste Management
Allen Biaggi, Chief, Bureau of Corrective Action

MAIL CODE	H-3-1					
SURNAME	Baylor					
DATE	2/8/96					

U.S. EPA CONCURRENCES

OFFICIAL FILE COPY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

7 February 1996

Ms. Ethel DeMarr, Assistant Director
Office of Waste Programs
Arizona Department of Environmental Quality
3033 N. Central Avenue
Phoenix, Arizona 85012

Dear Ms. DeMarr,

EPA Region 9 is in the process of planning a RCRA Corrective Action conference from March 26-28, 1996. We anticipate that the conference will last two and a half days, and take place in South San Francisco, California. The conference will primarily be technical in nature, although we are planning to include short talks on national policy issues such as the proposed Hazardous Waste Identification Rule (HWIR) for contaminated media and Subpart S. We anticipate approximately 200 participants will be attending, including state and federal regulators, industry, and environmental consultants.

The purpose of this letter is to invite you, or a member of your staff, to present a short (15 minute) talk on Arizona's approach to RCRA Corrective Action. The goal of this short talk is simply to present a broad overview of Arizona's Corrective Action program, so that conference participants can gain an understanding of various state's approaches to implementing Corrective Action.

If ADEQ would be interested in providing a short presentation for this conference, please contact Kathy Baylor at (415) 744-2028 by February 29, 1996. Attached is a registration form, which includes the tentative agenda for the conference.

Sincerely,

Michael Feeley, Chief
RCRA Facilities Branch

attachment

cc: Pat Kuefler, Hazardous Waste Section Manager
Michele Robertson, Remedial Investigations Unit Supervisor

(compressed
for
concurrence)

MAIL CODE	H-3-1	H-4				
SURNAME	Baylor	Feeley				
DATE	2/8/96	2/8/96				

U.S. EPA CONCURRENCES

OFFICIAL FILE COPY



1996

CORRECTIVE ACTION CONFERENCE

You are invited to attend the 1996 EPA Region 9 RCRA Corrective Action Conference. The conference will be held from March 26-28 at the South San Francisco Conference Center. The first two days are open to all participants; the last half-day is open to regulators only. The conference is free of charge to all participants.

The South San Francisco Conference Center is located at 255 South Airport Boulevard in South San Francisco, conveniently near San Francisco International Airport and Highway 101.

Conference participants are responsible for making their own hotel reservations. Several hotels are adjacent to the Conference Center, including:

Ramada Hotel (415) 589-7200
245 South Airport Blvd.

Holiday Inn (415) 873-3550
275 South Airport Blvd.

Super 8 Motel (415) 877-0770
111 Mitchell Ave.

Tentative Agenda

Tuesday, March 26

- 8:00-9:00 Registration
- 9:10-9:25 Opening Remarks (Laura Yoshii)
- 9:25-10:15 EPA HQ / Subpart S / HWIR (Guy Tomassoni)
- 10:15-10:30 Reg 9 Corr. Action Universe (Larry Bowerman)
- 10:30-10:45 Break
- 10:45-11:30 State Perspectives (TBA)
- 11:30-12:00 Community Involvement (Denny Larson)
- 12:00-1:15 Lunch
- 1:15 - 1:45 Ecological Tox. Overview (Clarence Callahan)
- 1:45 - 2:15 Human Health Tox. Overview (Patrick Wilson)
- 2:15 - 2:30 Preliminary Remediation Goals (TBA)
- 2:30 - 2:45 Use of PRGs in California (TBA)
- 2:45-3:15 Risk/Exp Assess Case Study (Ravi Arulanantham)
- 3:15-3:30 Break
- 3:30-4:30 RCRA Containment Methods (Hal Tuchfeld)
- 4:30-5:00 IT-Vine Hill Case Study (Heusinkveld/Zeveley)
- 5:00-5:30 Open Discussion with EPA Headquarters

Wednesday, March 27

- 8:30-10:00 Vadose Zone Contaminant Transport (Ron Sims)
- 10:00-10:30 Waste Burial in Arid Regions (Brian Andraski)
- 10:30-10:45 Break
- 10:45-11:15 Accel. Site Charac-GW Case Study (R. McJunkin)
- 11:15-11:45 Water Isotopes as Tracers (Brian Smith)
- 11:45-12:15 Soil VOC Methanol Preserv (Kurt Zeppetello)
- 12:15-1:30 Lunch
- 1:30-2:00 Natural Attenuation -Petroleum (Dave Rice)
- 2:00-2:30 Bact. Degrad. of Chlor. Solvents (Ned Black)
- 2:30-2:45 Cal-TOX (Sarah Picker)
- 2:45-3:00 Brownfields Land Re-Use (TBA)
- 3:00-3:15 Break
- 3:15-3:45 Technical Impracticability (Matt Hagemann)
- 3:45-4:15 Containment Zones (Steve Morse)
- 4:15-4:45 C/A Success Story (Mohinder Sandu)
- 4:45-5:00 Closing Remarks (Michael Feeley)
- 5:00-5:30 Open Mike/Open Discussion

Thursday, March 28 (Regulators Only)

- 8:30-9:00 Importance of Field Oversight (Brian Lewis)
- 9:00-10:00 Laboratory Data Review (Baylor/Saracino)
- 10:00-10:15 Break
- 10:15-12:00 State-Specific Issues (Moderators TBA)
- 12:00 Conference Ends

Registration Form

Name _____

Agency/Company _____

Address _____

City, State, Zip _____

Phone _____

Fax: _____

email: _____

Please Return this Form to:

Katherine Baylor
U.S. EPA (H-3-1)
75 Hawthorne St.
San Francisco, CA 94105-3901
Fax 415-744-1044

Register by February 29, 1996
Conference Space is Limited

Confirmation letters and additional information will be sent in early March.

If additional colleagues would like to attend, please photocopy this form

For more information, contact:
Katherine Baylor (415) 744-2028
Ron Leach (415) 744-2031

United States
Environmental Protection Agency
75 Hawthorne St. (H-3-1)
San Francisco, CA 94105-3901

Address Label

1996 RCRA Corrective Action Conference
Registration Form



EPA Region 9
1996 Corrective Action Conference
Registration Form

March 26-28, 1996

South San Francisco
Conference Center



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

March 4, 1996

Dear Conference Participant:

We are pleased to confirm your registration for the 1996 EPA Region 9 RCRA Corrective Action Conference scheduled for March 26-28, 1996. The first two days of the conference are open to all participants while the third day is reserved for regulators only.


The conference will take place at the South San Francisco Conference Center located at 255 South Airport Boulevard in South San Francisco. Directions to the conference center and hotel information are enclosed. You are responsible for making your own hotel reservations. Registration for the conference will begin at 8AM on March 26; the first speaker is scheduled for 9AM.


Information about local restaurants will be provided to you during registration. In addition, a cash bar will be available for you to purchase coffee and other refreshments at the conference center. Parking is free. We will also have an information exchange table where you may put flyers and other information that you would like to share with conference participants.

We at EPA are looking forward to a successful and worthwhile conference. We believe the conference will be an excellent forum for people working on corrective action from all over the region to meet each other and share their ideas and experiences.

If you have any questions, please feel free to call Katherine Baylor at (415) 744-2028 or Ron Leach at (415) 744-2031.

Sincerely,


Katherine Baylor
Conference Co-Chair


Ronald Leach
Conference Co-Chair

Enclosures



**SOUTH SAN FRANCISCO
CONFERENCE CENTER**



South San Francisco Conference Center
255 South Airport Boulevard
South San Francisco, CA 94080
(415) 877-8787

Washington, D.C. Baltimore Philadelphia New York Boston San Francisco



SOUTH
SAN FRANCISCO
CONFERENCE
CENTER

PRIVATE TRANSPORTATION

From the South (San Jose)

Take Highway 101 north to the South Airport Boulevard exit (which is two miles north of the San Francisco Airport). At the first stop light, drive straight across the intersection and directly into the Holiday Inn parking lot. The South San Francisco Conference Center is located on the left.

From the North (San Francisco)

Take Highway 101 South to the South Airport Boulevard exit. Stay to your right and go east under the freeway overpass. Make your first right, at the Hungry Hunter Restaurant, onto South Airport Boulevard. The South San Francisco Conference Center is located on the left in between the Ramada and the Holiday Inn.

From Marin County

Take the Golden Gate Bridge to 19th Avenue and continue on to Highway 280 South. From Highway 280, take Highway 380 East, to Highway 101 North (towards San Francisco). Take the South Airport Boulevard exit. At the first stop light, drive straight across the intersection into the Holiday Inn parking lot. The South San Francisco Conference Center is located on the left.

Parking

The South San Francisco Conference Center has a joint agreement to share parking with both neighboring hotels. The Holiday Inn to the south, and the Ramada Inn to the north. Additional parking is available at the Travelodge.

PUBLIC TRANSPORTATION

BART

(415) 873-2278

Exit BART, in San Francisco, at the Montgomery Street Station at Second and Market. Then you must walk one block to the Transbay Terminal located at First and Mission in order to take the 7B SamTrans Bus which runs every 30 minutes and will take approximately one hour of bus travel time to reach the South San Francisco Conference Center. Exit the 7B SamTrans Bus at the Shell Gas Station directly across the street from the Center. The cross street is Mitchell Avenue.

Caltrain

(800) 558-8661

Caltrain stops at the South San Francisco Depot at Airport Boulevard and Grand Avenue. Take the 7B Samtrans Bus Line southbound. Exit at the Shell Gas Station directly across the street from the Center.

SamTrans

(800) 660-4287

See above directions under "BART" when taking the 7B SamTrans Bus from the Transbay Terminal in San Francisco. Please contact SamTrans, if you need additional scheduling/route information regarding the 7B SamTrans Bus.

Yellow Cab

(415) 588-

Recorded Directions to the SSF Conference Center

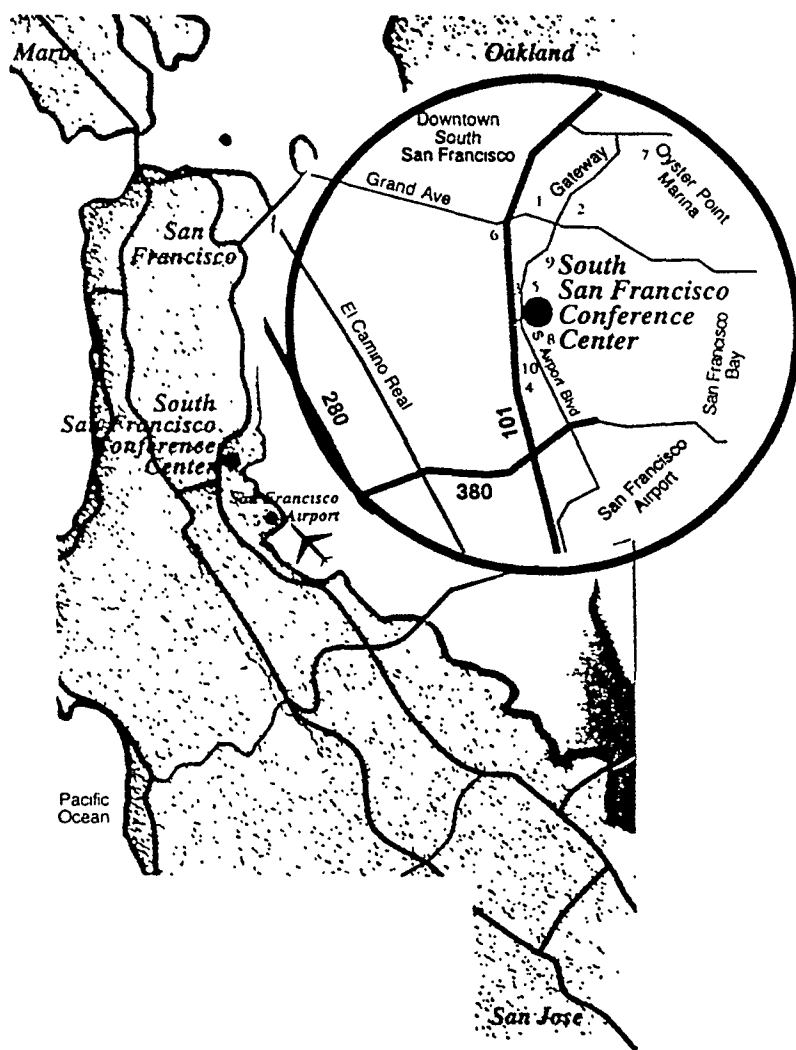
(415) 877-5220

235 S. AIRPORT BOULEVARD
SOUTH SAN FRANCISCO
CALIFORNIA 94080
PHONE: (415) 877-8787
FAX: (415) 877-5356



SOUTH
SAN FRANCISCO
CONFERENCE
CENTER

SOUTH SAN FRANCISCO HOTELS *
IN CLOSE PROXIMITY TO THE CONFERENCE CENTER



1. **COMFORT SUITES**
121 EAST GRAND AVENUE
(415) 589-7766
2. **CROWN STERLING SUITES**
250 GATEWAY BLVD.
(415) 589-3400
3. **ECONO-LODGE**
222 SOUTH AIRPORT BLVD.
(415) 589-9055
4. **GROSVENOR HOTEL**
380 SOUTH AIRPORT BLVD.
(415) 873-3200
5. **RAMADA INN**
245 SOUTH AIRPORT BLVD.
(415) 589-7200
6. **LA QUINTA MOTOR INN**
20 AIRPORT BLVD.
(415) 583-2223
7. **OYSTER POINT MARINA INN**
425 MARINA BLVD.
(415) 737-7633
8. **HOLIDAY INN**
275 SOUTH AIRPORT BLVD.
(415) 873-3550
9. **SUPER 8 MOTEL**
111 MITCHELL AVE.
(415) 877-0770
10. **TRAVELODGE INTERNATIONAL INN**
326 SOUTH AIRPORT BLVD.
(415) 583-9600

255 S. AIRPORT BOULEVARD
SOUTH SAN FRANCISCO
CALIFORNIA 94080
PHONE: (415) 877-8787
FAX: (415) 877-5356

*This list is for information only and does not constitute endorsement
or recommendation for use.

HOTEL RATES **

- La Quinta Motor Inn
(415) 583-2223
\$63.00 includes a Continental breakfast
- Travellodge International Inn
(415) 583-9600
\$45.00
- Holiday Inn
(415) 873-3550
\$82.00 (federal); \$79.00 (state) includes Continental breakfast
- Ramada Inn
(415) 589-7200
\$82.00 (federal); \$79.00 (state) includes Continental breakfast
- Vagabond
(415) 589-9055
\$50.00 single; \$59.00 double
- Comfort Suites
(415) 589-7766
\$65.00 includes Continental breakfast; soup in the evening

* All rates are government rates quoted 2/12/96

** This list is for information only and does not constitute endorsement or recommendation for use.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

March 4, 1996

Brian Andraski
U.S. Geological Survey
333 W. Nye Ln #203
Carson City, NV 89706

Dear Brian,

Thank you for volunteering to speak at the 1996 EPA Region 9 RCRA Corrective Action Conference scheduled for March 26-28, 1996. The first two days of the conference are open to all participants while the third day is reserved for regulators only. This letter confirms your registration for the conference and provides additional information.

The conference will take place at the South San Francisco Conference Center located at 255 South Airport Boulevard in South San Francisco. A map and directions to the conference center are enclosed with this letter. Registration for the conference will begin at 8AM on March 26; the first speaker is scheduled for 9AM. Please come to the separate registration table for our speakers.

Information about local restaurants will be provided to you during registration. In addition, a cash bar will be available for you to purchase coffee and other refreshments at the conference center. Parking is free. We will also have an information exchange table where you may put flyers and other information that you would like to share with conference participants.

We will have slide and overhead transparency projectors available for your use at the conference. If you need other equipment, please let us know as soon as possible.

In order to ensure that the conference flows smoothly, we request that speakers make every effort to keep within the allotted time for their presentations. If possible, please plan your presentations to allow sufficient time at the end for questions. We are also requesting that you move to the front of the room just prior to your scheduled speaking time. This will help us make a smoother transition between speakers.

You are responsible for making your own hotel reservations. There are several hotels adjacent to the conference center, including, but not limited to, Ramada Hotel (415) 589-7200, Holiday Inn (415) 873-3550 and the Super 8 Motel (415) 877-0770.

**1996 CORRECTIVE ACTION CONFERENCE
COORDINATING COMMITTEE**

ROLES & RESPONSIBILITIES

PLAYERS

Kathy Baylor (co-chair)	x 2028	Intro of Sessions
Ron Leach (co-chair)	x 2031	Intro of Sessions
Steve Linder	x 2036	Data Base Support
Carl Warren	x 2067	1994 Conference Notes
Tom Kelly	x 2070	Reference Documents
Carmen Santos	x 2037	Reference Documents
Susan Chiu	x 2060	Timer and Registration
Elaine Ngo	x 2024	
Mary Blevins	x 2069	
Ray Saracino	x 2040	
Nahid Zoueshtiagh	x 2052	
Laura Yoshii	x 1730	Introduction
Larry Bowerman	x 2051	Speaker
Paula Bisson	x 2064	Moderator-Day 3
Vicky Semones	x 2184	Announcements, Registration
PRC = Suzanne Kraft, Neil Munro		Registration, Other...

* * * * *

AREAS OF RESPONSIBILITY

1. **Speaker Support - help speakers exchange slide carousels on projector, other, etc.**

Day 1 AM ?

Day 1 PM ?

Day 2 AM ?

Day 2 PM ?

2. **Facilitators for Open Mike Sessions**

Day 1 - Guy Tomassoni

Day 2 - ?

Roles and Responsibilities

RCRA Corrective Action Conference

	Tues A.M.	Tues P.M.	Wed A.M.	Wed P.M.	Thurs. A.M.
Document Table Monitor	Nahid	Nahid	Mary B	Mary B.	Carl W.
Note Taker (Open Mike)	Not Needed	Elaine N.	Not needed		Not Needed
Moderator (Open Mike)	Not Needed	Guy T	Not Needed	Paula B.	Paula B. (State Sp. Issues)
Slide Projector	Tom K	Steve	Mitch K.	Patrick	
Overhead Projector	PRC	PRC	PRC	PRC	EPA ?
lights	Carl W	Mary B.	Larry B.	Tom K.	Elaine N
Music	Ray S.	Ray S.	Ray S.	Ray S.	Ray S.
Speaker Intros	Kathy B.	Ron L.	Kathy B.	Ron L.	Ron L.
Timer	Susan C.	Susan C	Susan C	Susan C	Not needed
Trouble Shooter	Vicky S.	Vicky S.	Vicky S.	Vicky S.	Vicky S.
Registr- ation	PRC	PRC (if needed)	PRC	PRC (if needed)	Not needed

SPEAKER REMINDERS

1996 EPA REGION 9 RCRA CORRECTIVE ACTION CONFERENCE

Welcome! Thank you for volunteering to speak at the conference. Some reminders that will help us keep the presentations flowing smoothly.

KEEPING TIME

We request that you make every effort to keep within the allotted time for your presentation. To assist you in this effort, we will have a timer who will raise a sign giving 10 minute and 5 minute notices.

Because of the ambitious agenda, we are also requesting that you move to the reserved table just in front of the podium shortly before your scheduled speaking time. This will help us make a smoother transition between speakers.

QUESTIONS?

If possible, please plan your presentation to allow sufficient time either during or at the end for questions. The times listed on the agenda for each presentation include time for questions. As a courtesy to everyone, please repeat any questions you receive.

35MM SLIDES

Please bring your loaded slide carousel to the projector monitor at the rear of the room just prior to your presentation and then proceed to the front table.

OVERHEAD TRANSPARENCIES

Please bring your overheads directly to Kathy Baylor or Ron Leach at the front of the room. The overhead projector is located some distance from the speakers podium so that you will not be able to change your own overheads from the podium. We will have someone available to change your overheads for you.

1996 RCRA CORRECTIVE ACTION CONFERENCE
U.S. Environmental Protection Agency
Region IX

AGENDA

Tuesday, March 26

- 8:00 - 9:00 Registration
9:00 - 9:05 Logistics/Conference Structure
9:05 - 9:20 Opening Remarks (*Laura Yoshii, EPA Region 9*)
9:20 - 10:15 National Perspective-Subpart S, HWIR (*Guy Tomassoni, EPA Headquarters*)
10:15-10:30 Region 9 Corrective Action Universe (*Larry Bowerman, EPA Region 9*)
10:30-10:45 Break
10:45-11:15 State Perspectives (*Calif: Watson Gin, Cal-EPA/DTSC*)
11:15-11:45 Community Involvement (*Denny Larson, Communities for a Better Environment*)
11:45- 1:00 LUNCH
1:00 - 1:30 Ecological Toxicity Overview (*Clarence Callahan, EPA Region 9*)
1:30 - 1:45 Human Health Toxicity Overview (*Patrick Wilson EPA Region 9*)
1:45 - 2:10 Preliminary Remediation Goals (*Dan Stralka, EPA Region 9*)
2:10 - 2:30 Cal/TOX and PRGs in California (*Jeffrey Wong, Cal-EPA/DTSC*)
2:30 - 2:45 Permit Writers Perspective on Cal/TOX (*Sarah Picker, Cal-EPA/DTSC*)
2:45 - 3:15 Risk/Exposure Assessment Case Study (*Ravi Arulanantham, Cal-EPA/RWQCB*)
3:15 - 3:30 Break
3:30 - 4:30 RCRA Containment Methods (*Jeffrey Dunn and Harold Tuchfeld, Geosyntec Consultants*)
4:30 - 5:00 Corrective Action Case Study: Metals Contamination at Square D Company
(*Mohinder Sandhu, Karen Baker, Cal-EPA/DTSC; Gladys Thomas, Square D*)
5:00 - 5:30 Open Discussion with EPA HQ (*Guy Tomassoni, EPA Headquarters*)

Wednesday, March 27

- 8:30 - 10:00 Vadose Zone Contaminant Transport (*Ron Sims, Utah State University*)
10:00-10:30 Waste Burial in Arid Regions (*Brian Andraski, US Geological Survey*)
10:30-10:45 Break
10:45-11:15 Accelerated Site Characterization (*Richard McJunkin, Cal-EPA/DTSC*)
11:15-11:45 Water Isotopes as Tracers (*Brian Smith, Lawrence Berkeley Laboratory*)
11:45-12:15 Soil VOC Methanol Preservation (*Kurt Zeppetello, AZ Dept. of Env. Quality*)
12:15- 1:30 LUNCH
1:30 - 2:00 Bacterial Dechlorination of TCE & PCE (*Ned Black, EPA Region 9*)
2:00 - 2:45 Leaking Underground Fuel Tank (LUFT) Remediation (*David Rice, LLNL*)
2:45 - 3:00 Break
3:00 - 3:30 Technical Impracticability w/Case St. (*Matt Hagemann, EPA Region 9*)
3:30 - 4:00 Containment Zones (*Steve Morse, Cal-EPA/RWQCB*)
4:00 - 4:30 IT-Vine Hill Case Study (*Valerie Heusinkveld, Cal-EPA/DTSC; Jane Zevely, IT Vine Hill*)
4:30 - 4:45 Closing Remarks (*Michael Feeley, EPA Region 9*)
4:45 - 5:15 Open Mike

1996 EPA Region 9
Corrective Action Conference

Open Discussion between State/EPA Regulators
Moderator: Paula Bisson, Chief, Permits Section, EPA Region 9

The third day of the 1996 conference (March 28, 1996) included an open discussion between EPA and state regulators to address state-specific issues. The following state needs were identified:

- Assistance with Corrective Action Guidance (CCA)
- "Brown-bag" talks or informal sessions with states
- Practical Guidance
- Give the full training on data quality review
- Develop field checklist for what permit writer's should look for
- Guidance on how to collect a sample (samples of opportunity)
- Contact with EMSL-LV on new technologies

**CORRECTIVE ACTION CONFERENCE EVALUATION
MARCH 26-28, 1996**

Which days of the conference did you attend? (circle one)

Day 1 Day 2 Day 3 Days 1+2 Days 1,2+3

**Are you: (circle one) Consultant Facility Representative
Regulator Other_____**

Do you think the selection of topics was appropriate?

Yes No Suggestions/Comments:

How well did the speakers do in presenting their information?

(circle one) Excellent Good Fair Poor

Suggestions/Comments:

Did you like the format of the conference (e.g., lectures)?

Yes No Suggestions/Comments:

Did you like the conference location and facilities?

Yes No Suggestions/Comments:



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

10 April 1996

Guy Tommasoni
U.S. EPA Headquarters (5303W)
401 "M" Street, S.W.
Washington, D.C. 20460


Dear Mr. Tommasoni,

I want to thank you for your invaluable contribution to the 1996 Region 9 RCRA Corrective Action Conference.

The conference co-chairs, Katherine Baylor and Ron Leach, were particularly impressed with your well organized and effective presentation. Your presence was also enthusiastically received by the conference attendees. Having the Headquarters perspective on such key issues as Subpart S and the Hazardous Waste Identification Rule for Media was invaluable to the success of the conference.

I am also grateful to the Headquarters management for supporting our efforts by sending you to the conference. We greatly appreciated your participation and look forward to seeing you again at future Region 9 corrective action conferences.

Sincerely,


for Laura Yoshii
Acting Director
Waste Programs Division

Thanks!

cc: Bob Hall (5303W)
Matt Hale (5303W)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IX

75 Hawthorne Street
San Francisco, CA 94105

10 April 1996

Ron Sims, Ph.D.
Utah State University
Civil and Environmental Engineering Department
Logan, Utah 84322-4110

Dear Dr. Sims,

Thank you for helping make the 1996 Region 9 RCRA Corrective Action Conference a success.

Your presentation on "**Vadose Zone Contaminant Transport**" was a valuable addition to the conference. Your talk was well received by the participants and provided a unique perspective on the topic.

We appreciate you taking time out from your busy schedule to contribute to this important event. Your participation at the conference is greatly appreciated.

Sincerely,

A handwritten signature in black ink, which appears to read "Michael Feeley", is written over the typed name and title.

Michael Feeley, Chief
Facilities Branch

United States Environmental Protection Agency, Region 9

CERTIFICATE OF APPRECIATION

REGION 9 CORRECTIVE ACTION CONFERENCE
MARCH 26-28, 1996

*In recognition of your contribution, enthusiasm, and support in making
the conference a successful event. Thank you for your efforts.*

Presented to:

Michael Feeley



Laura Yoshii, Acting Director
Waste Management Division

Katherine J. Baylor
Co-Chair

Ronald Leach
Co-Chair

HOW TO ACCESS EPA INFORMATION

PUBLICATIONS:

Document Type

Publication numbers with prefixes:
N
E
PB
PR (free of charge)

Document Source

National Technical
Information Services (NTIS)
5285 Port Royal Road
Springfield, VA 22161
tel: (703) 487-4650
fax: (703) 321-8547
8:30 a.m. - 5 p.m., Eastern time



Publications with numbers:

EPA/530
EPA/540
EPA/600
EPA/625

Center for Environmental Research
Information (CERI) Documents Free if Available
Cincinnati, OH 45268
tel: (513) 569-7562
fax: (513) 569-7566
8:30 a.m. - 4:30 p.m., Eastern time

Publications with numbers:

EPA/540
EPA/542

National Center for Environmental
Publications & Information (NCEPI)
11029 Kenwood Rd., Bldg. 5
Cincinnati, OH 45242
tel: (513) 891-6561
fax: (513) 891-6685
8 a.m. - 5 p.m., Eastern time

Publications with EPA/530 numbers:

RCRA Information Center (RIC)
401 M St., S.W. Mailcode 5305
Washington, DC 20460
tel: (202) 260-9327
9 a.m. - 4 p.m., Eastern time

If you have difficulty finding a document or wish to obtain EPA/510 documents, call:

RA/Superfund/OUST Hotline

tel: (800) 424-9346, (703) 412-9810
TDD: (800) 553-7672, (703) 412-3323
8:30 a.m. - 7:30 p.m., Eastern time

If you need assistance in locating ground-water or drinking-water publications, call:

Ground-Water and Drinking
Water Resource Center

tel: (202) 260-7786
8:30 a.m. - 5 p.m., Eastern time

For regulatory or technical assistance, or for ordering TSCA-related publications, call:

TSCA Hotline

tel: (202) 554-1404
8:30 a.m. - 5 p.m., Eastern time

BULLETIN BOARDS:

Alternative Treatment Technologies Information Center (ATTIC)

Provides hazardous waste abstracts, news bulletins, conference information, and a message board. Users can access this collection of databases through a bulletin board.

Data Line:

703-908-2137

Help Line:

703-908-2138

Cleanup Information Bulletin (CLU-IN)

Provides information on innovative technologies via a bulletin board. Information includes bulletins, message, on-line file exchange, on-line databases and directories.

Data Line:

301-589-8366

Help line:

301-589-8368

Office of Research and Development (ORD)
Provides a bibliography of 19,000+ documents and a message board.

ORD Data Line: 800-258-9605
Bulletin Board Service (BBS)
Data Line: 513-569-7610
Help line: 513-569-7272

DATABASES/SOFTWARE:

DIALOG Database 800-3-DIALOG
Contains files relevant to hazardous waste including: Energy Science and Technology, National Technical Information Service (NTIS), Pollution Abstracts, and others.

NTIS Database
Contains data about Federal data files and software, reports on new technologies, reports prepared by non-US government agencies, and Federally generated translations. Accessible through commercial vendors including:
BRS 800-345-4277
DIALOG 800-3-DIALOG
ORBIT 800-456-7248, 703-442-0900 (in VA)
STN International 800-848-6533

FEDWORLD
Allows access to more than 100 Federally-operated on-line computer systems. Operates 24 hours a day, 7 days a week; free of charge.

To access via modem: 703-321-8020
To access via Internet: telnet fedworld.gov or 192.239.92.201
Help Line: 703-487-4608

Risk Reduction Engineering Laboratory Treatability Database
Database contains review of removal and destruction of 1,200 chemicals in aqueous and solid media. To order database on a 3-1/2" disk, free of charge, fax or mail request to the below address.

Fax: 513-891-6685
or send request to: NCEPI
P.O. Box 42419
Cincinnati, OH 45242-2419

Vendor Information System for Innovative Treatment Technologies (VISITT)
Contains information on availability, performance, and cost of innovative technologies to remediate hazardous waste sites.
Tel: 800-245-4505

DOCKETS:

Provide documents and regulatory information pertinent to RCRA, RCRA Subtitle I (Underground Storage Tank program), CERCLA, and Federal facilities.

RCRA Information Center 202-260-9327
Monday - Friday, 9 a.m. - 4 p.m., Eastern time
Superfund Docket 202-260-3046
Monday - Friday, 9 a.m. - 4 p.m., Eastern time
OUST Docket 202-260-9720
Monday - Friday, 9 a.m. - 4:30 p.m., Eastern time
Federal Facilities Docket Hotline 800-548-1016
Monday - Friday, 8:30 a.m. - 5:30 p.m., Eastern time

LIBRARIES:

The EPA Headquarters and Regional Libraries maintain extensive collections of information on environmental and related subjects as well as provide a wide range of information services.

EPA Headquarters Library 202-260-5921
Operates Monday - Friday, 10 a.m. - 2 p.m., Eastern time
Region 9 Library (San Francisco, CA) 415-744-1510
Operates Monday - Friday, 9 a.m. - 5 p.m., Pacific time

Place a check mark in the box to indicate
the document(s) you wish to order

1996 Corrective Action Conference
EPA Region 9

A	B	C	D	E	F	G	H	FIRST/LAST	ORG
								Gerard Abrams	Cal EPA / DTSC Region 1
								Wagar Ahmad	Cal EPA / DTSC Region 2
								Sheila Alfonso	Cal EPA / DTSC Region 2
								Nancy Alvarez	University of Nevada, Reno
								Glenn Anderson	Texaco
								Brian Andraski	USGS
								Ravi Arulanantham	Cal EPA / RWQCB Region 2
								Walter Bahm	Cal EPA / DTSC Region 2
								Karen Baker	Cal EPA / DTSC Region 4
								Samuel Bandrapalli	Cal EPA / RWQCB Region 2
								Bern Baumgartner	CH2M Hill
								Douglas Bautista	Cal EPA / DTSC Region 4
								Kathy Baylor	US EPA Region 9
								Sherrill Beard	Cal EPA / DTSC Region 4
								Michael Bellot	US EPA Region 9
								Marlene Bennett	BHP Melbourne Laboratory
								Sally Bilodeau	EMCON
								Paula Bisson	US EPA Region 9
								Ned Black	US EPA Region 9
								John Blasco	Harding Lawson Associates
								Mary Blevins	US EPA Region 9
								Phil Blum	Cal EPA / DTSC Region 2
								Marilyn Blume	Harding Lawson Associates
								Timothy Bodkin	Radian International
								Max Boone	Tosco Refining Company
								Larry Bowerman	US EPA Region 9
								Justin Bradley	United Defense LP
								James Breitlow	Env't. Management & Compliance
								Glenn Brown	Cal EPA / DTSC Region 2
								Pratap Bulsara	Cal EPA / DTSC Region 4
								Richard Burzinski	Rust Environment & Infrastructure
								Clarence Callahan	US EPA Region 9
								Peter Chen	Cal EPA / DTSC Region 3
								Rebecca Chou	Cal EPA / RWQCB
								Henry Chiu	Cal EPA / DTSC Region 2
								Susan Chiu	US EPA Region 9
								Wei Wei Chiu	Cal EPA / DTSC Region 2
								Sal Ciriello	Cal EPA / DTSC Region 2
								Gary Colbert	Allwaste, Inc.
								Pete Collier	Cal EPA / DTSC Region 1
								Susan Corbaley	SAIC
								Rose Coughlin	Texaco Refining and Marketing, Inc.
								Mike Cruz	Guam EPA
								William Cutler	FMC Corporation
								Clifton Davenport	McLaren/Hart
								Peter Day	Phillips Petroleum Co.
								Frank Dellechaie	Cal EPA / Haz Waste Mngmt Proc
								Jeff Denison	Nevada Dept. of Environmental Pr
								Amil Dharmapal	Roy F. Weston, Inc.
								Martina Diaz	Cal EPA / DTSC Region 4
								Eric Diethelm	IT Corporation